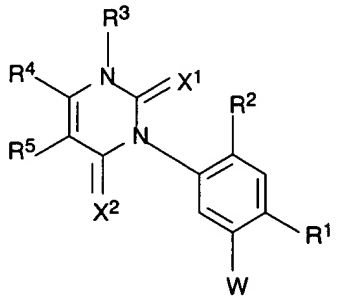
APPENDIX II:

THE CHANGES TO THE CLAIMS:

Claims 1 and 2 have been amended as follows:

1. (*twice amended*) A 3-phenyluracil compound of formula I



(I)

where

X^1 and X^2 are each oxygen or sulfur;

W is $-C(R^8)=C(R^9)-CN$, $-C(R^8)=C(R^9)-CO-R^{10}$ or [~~,~~] $-CH(R^8)-CH(R^9)-CO-R^{10}$; [~~, $-C(R^8)=C(R^9)-CH_2-CO-R^{10}$, $-C(R^8)=C(R^9)-C(R^{11})=C(R^{12})-CO-R^{10}$ or $-C(R^8)=C(R^9)-CH_2-CH(R^{13})-CO-R^{10}$~~]

where

R^8 is hydrogen[~~, cyano, C_1-C_6-alkyl, C_2-C_6-alkenyl, C_2-C_6-alkynyl, C_1-C_6-haloalkyl, C_3-C_7-cycloalkyl, C_1-C_6-alkoxy-C_1-C_6-alkyl or C_1-C_6-alkoxycarbonyl~~];

R^9 [~~and R^{12} are each hydrogen, cyano,~~] is halogen or [~~,~~] C_1-C_6-alkyl[~~, C_1-C_6-alkoxy, halo-C_1-C_6-alkyl, C_1-C_6-alkylcarbonyl or C_1-C_6-alkoxycarbonyl~~];

R^{10} is [~~hydrogen,~~] O-R^{17}[~~, S-R^{17}, C_1-C_6-alkyl which may furthermore carry one or two C_1-C_6-alkoxy substituents,~~] or

[~~C_3-C_6-alkenyl, C_3-C_6-alkynyl, C_1-C_6-haloalkyl, C_3-C_7cycloalkyl, C_1-C_6-alkylthio-C_1-C_6-alkyl, C_1-C_6-alkyliminooxy,~~] $-N(R^{15})R^{16}$; [~~or~~]

[~~phenyl which is unsubstituted or carries from one to three of the following substituents: cyano, nitro, halogen, C_1-C_6-alkyl, C_2-C_6-alkenyl, C_1-C_6-haloalkyl, C_1-C_6-alkoxy and C_1-C_6-alkoxycarbonyl,~~]

R^{15} and R^{16} are each hydrogen, C_1-C_6-alkyl, C_3-C_6-alkenyl, C_3-C_6-alkynyl, C_3-C_6-cycloalkyl, C_1-C_6-haloalkyl, C_1-C_6-alkoxy-C_1-C_6-alkyl, C_1-C_6-alkylcarbonyl, C_1-C_6-alkoxycarbonyl, C_1-C_6-alkoxycarbony-C_1-C_6-alkyl or C_1-C_6-alkoxycarbonyl-C_2-C_6-alkenyl, where the alkenyl chain is unsubsti-

tuted or carries from one to three of the following radicals: halogen and cyano, or phenyl which is unsubstituted or carries from one to three of the following substituents: cyano, nitro, halogen, C_1-C_6-alkyl, C_1-C_6-haloalkyl, C_3-C_6-alkenyl, C_1-C_6-alkoxy and C_1-C_6-alkoxycarbonyl, or

R^{15} and R^{16} together with the common nitrogen atom form a saturated or unsaturated 4-membered to 7-membered heterocyclic [~~structure~~] ring consisting of the nitrogen atom to which R^{15} and R^{16} are bonded and from 3 to 6 carbon ring members, or consisting of the nitrogen atom to which R^{15} and R^{16} are bonded and from 2 to 5 carbon ring members and [~~where~~] one ring member [~~is optionally replaced by~~] selected from the group of -O-, -S-, -N=, -NH- [~~or~~] and -N(C_1-C_6-alkyl)-;

R^{17} is hydrogen, C_1-C_6-alkyl, C_3-C_6-alkenyl, C_3-C_6-alkynyl, C_3-C_7-cycloalkyl, C_1-C_6-haloalkyl, C_3-C_6-haloalkenyl, cyano-C_1-C_6-alkyl, C_1-C_6-alkoxy-C_1-C_6-alkyl, C_1-C_6-alkylthio-C_1-C_6-alkyl, C_1-C_6-alkyloximino-C_1-C_6-alkyl, C_1-C_6-alkylcarbonyl, C_1-C_6-alkoxycarbonyl, C_1-C_6-alkylcarbonyl-C_1-C_6-alkyl, C_1-C_6-alkoxycarbonyl-C_1-C_6-alkyl,

phenyl or phenyl-C_1-C_6-alkyl, where each of the phenyl radicals is unsubstituted or carries from one to three of the following substituents: cyano, nitro, halogen, C_1-C_6-alkyl, C_1-C_6-haloalkyl, C_3-C_6-alkenyl, C_1-C_6-alkoxy and C_1-C_6-alkoxycarbonyl;

[~~R^{11} is hydrogen, cyano, halogen, C_1-C_6-alkyl, C_3-C_6-alkenyl, C_3-C_6-alkynyl, C_1-C_6-alkoxy-C_1-C_6-alkyl, C_1-C_6-alkylcarbonyl, C_1-C_6-alkoxycarbonyl,~~]

[~~$-NR^{18}R^{19}$, where R^{18} and R^{19} have the same meanings as R^{15} and R^{16}, or~~]

[~~phenyl which is unsubstituted or carries from one to three of the following substituents: cyano, nitro, halogen, C_1-C_6-alkyl, C_1-C_6-haloalkyl, C_3-C_6-alkenyl, C_1-C_6-alkoxy and C_1-C_6-alkoxycarbonyl,~~]

[~~R^{13} is hydrogen, cyano, C_1-C_6-alkyl or C_1-C_6-alkoxycarbonyl; or~~]

[~~R^9 and R^{10} together form a two-membered to five-membered carbon chain in which one carbon atom may be replaced with oxygen, sulfur or unsubstituted or C_1-C_6-alkyl-substituted nitrogen,~~]

R^1 is halogen, cyano, nitro or trifluoromethyl;

R^2 is hydrogen or halogen;

R^3 is hydrogen, [~~nitro,~~] C_1-C_6-alkyl or [~~, C_3-C_6-alkenyl, C_3-C_6-alkynyl, C_3-C_8-cycloalkyl, C_3-C_8-cycloalkylcarbonyl, cyano-C_1-C_6-alkyl,~~] C_1-C_6-haloalkyl; [~~, C_1-C_6-alkoxy-C_1-C_6-alkyl, formyl, C_1-C_6-alkanoyl, C_1-C_6-alkoxycarbonyl, C_1-C_6-haloalkylcarbonyl, C_1-C_6-alkylcarbonyl-C_1-C_6-alkyl, C_1-C_6-alkoxycarbonyl-C_1-C_6-alkyl,~~]

[~~a group $-N(R^{20})R^{21}$, where R^{20} and R^{21} have one of the meanings of R^{15} and R^{16},~~]

[~~phenyl or phenyl-C_1-C_6-alkyl, where each phenyl ring is unsubstituted or carries from one to three of the following radicals: cyano, nitro, halogen, C_1-C_6-alkyl, C_2-C_6-alkenyl, C_1-C_6-haloalkyl, C_1-C_6-alkoxy and C_1-C_6-alkoxycarbonyl,~~]

R^4 is [~~hydrogen, cyano, nitro, halogen,~~] C_1-C_6-alkyl or [~~, C_2-C_6-alkenyl, C_2-C_6-alkynyl, C_3-C_8-cycloalkyl,~~] C_1-C_6-haloalkyl; [~~, C_1-C_6-hydroxyalkyl, cyano-C_1-C_6-alkyl, C_1-C_6-alkoxy, C_1-C_6-alkylthio, C_1-C_6-alkoxy-C_1-C_6-alkyl, C_1-C_6-alkylthio-C_1-C_6-alkyl or~~]

[~~phenyl which is unsubstituted or carries from one to three of the following radicals: cyano, nitro, halogen, C_1-C_6-alkyl, C_2-C_6-alkenyl, C_1-C_6-haloalkyl, C_1-C_6-alkoxy and C_1-C_6-alkoxycarbonyl,~~]

R^5 is hydrogen, [~~cyano, nitro,~~] halogen[~~,~~] or C_1-C_6-alkyl; [~~, C_2-C_6-alkenyl, C_2-C_6-alkynyl, C_3-C_7-cycloalkyl, C_1-C_6-haloalkyl, C_1-C_6-hydroxyalkyl, cyano-C_1-C_6-alkyl, C_1-C_6-alkoxy-C_1-C_6-alkyl, C_1-C_6-alkylthio-C_1-C_6-alkyl, formyl, C_1-C_6-alkylcarbonyl, C_1-C_6-haloalkylcarbonyl, C_1-C_6-alkoxycarbonyl, C_1-C_6-alkoxycarbonyl-C_2-C_6-alkenyl,~~]

[~~$-N(R^{22})R^{23}$, where R^{22} and R^{23} have one of the meanings of R^{15} and R^{16}, or~~]

[~~phenyl which is unsubstituted or carries from one to three of the following radicals: cyano, nitro, halogen, C_1-C_6-alkyl, C_2-C_6-alkenyl, C_1-C_6-haloalkyl, C_1-C_6-alkoxy and C_1-C_6-alkoxycarbonyl, or~~]

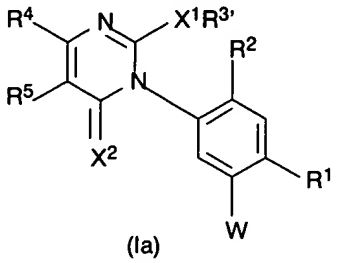
[~~R^4 and R^5 together form a saturated or unsaturated 3-membered or 4-membered carbon chain which optionally contains from one to three of the following hetero atoms: 1 or 2 oxygen atoms, 1 or 2 sulfur atoms and from 1 to 3 nitrogen atoms, and the chain is unsubstituted or carries from one to three of the following radicals: cyano, nitro, amino, halogen, C_1-C_6-alkyl, C_2-C_6-alkenyl, C_1-C_6-alkoxy, C_1-C_6-alkylthio and C_1-C_6-alkoxycarbonyl,~~]

with the proviso that R^4 is not trifluoromethyl when R^5 is hydrogen and W is $-CH=CH-CO-R^{10}$ where R^{10} is C_1-C_6-alkoxy or C_3-C_7-cycloalkoxy; [~~, and~~]

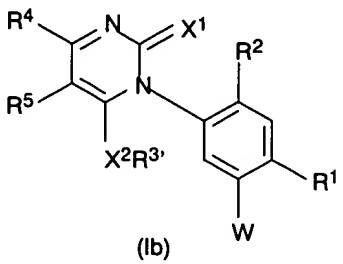
[~~with the proviso that R^9 is halogen when R^4 and R^5 are simultaneously hydrogen and W is $CH(R^8)-CH(R^9)-CO-R^{10}$,~~]

or a salt or an enol form of the compound of formula I in which R^3 is hydrogen.

2. (*twice amended*) An enol ether of the phenyluracil compound of formula I defined in claim 1, which enol ether is of [~~represented by~~] formula Ia or formula Ib



(Ia)



(Ib)

wherein $R^{3'}$ is C_1-C_6-alkyl, C_3-C_6-alkenyl or C_3-C_6-alkynyl, and X^1, X^2, R^1, R^2, R^4, R^5 and W are as defined in claim 1,

with the proviso that R^4 is not trifluoromethyl when R^5 is hydrogen and W is $-CH=CH-CO-R^{10}$ where R^{10} is C_1-C_6-alkoxy or C_3-C_6-cycloalkoxy.

Claim 12 has been amended as follows:

12. (*amended*) A [~~herbicidal~~] composition comprising an inert liquid or solid carrier and an effective amount of at least one 3-phenyluracil of formula I defined in claim 1, or the salt or the enol form of the compound of formula I in which R^3 is hydrogen, wherein the amount is adapted to be effective for a purpose selected from the group consisting of controlling undesirable plant growth, desiccating plants, defoliating plants, and controlling pests.

Claim 14 has been canceled. Claim 16 has been amended as follows:

16. (*twice amended*) The method of claim 15, wherein the plants are cotton [~~is defoliated~~] plants.

Claim 17 has been canceled. Claims 20 to 25 have been canceled. Claim 27 has been amended as follows:

27. (*amended*) The enol ether defined in claim 2, wherein [~~R^3~~] $R^{3'}$ is C_1-C_6-alkyl.

Claims 31 to 35 have been canceled. Claim 36 has been amended as follows:

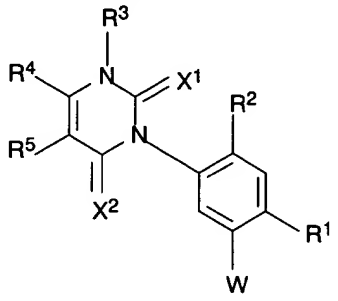
36. (*amended*) A [~~herbicidal~~] composition comprising an inert liquid or solid carrier and an effective amount of at least one enol ether of formula Ia or Ib defined in claim 2, wherein the amount is adapted to be effective for a purpose selected from the group consisting of controlling undesirable plant growth, desiccating plants, defoliating plants, and controlling pests.

Claim 38 has been canceled. Claim 40 has been amended as follows:

40. (*amended*) The method of claim 39, wherein the plants are cotton [~~is defoliated~~] plants.

Claim 41 has been canceled. Claim 43 has been amended as follows:

43. (*amended*) A 3-phenyluracil compound of formula I



(I)

where

X^1 and X^2 are each oxygen or sulfur;

W is $-C(R^8)=C(R^9)-CN$, $-C(R^8)=C(R^9)-CO-R^{10}$[~~,~~] or $-CH(R^8)-CH(R^9)-CO-R^{10}$[~~,~~]; [~~$-C(R^8)=C(R^9)-CH_2-CO-R^{10}$, $-C(R^8)=C(R^9)-C(R^{11})=C(R^{12})-CO-R^{10}$ or $-C(R^8)=C(R^9)-CH_2-CH(R^{13})-CO-R^{10}$ where~~] wherein

R^8 is hydrogen[~~, cyano, C_1-C_6-alkyl, C_2-C_6-alkenyl, C_2-C_6-alkynyl, C_1-C_6-haloalkyl, C_3-C_7-cycloalkyl, C_1-C_6-alkoxy-C_1-C_6-alkyl or C_1-C_6-alkoxycarbonyl~~];

R^9 [~~and R^{12} are each hydrogen, cyano,~~] is halogen[~~,~~] or C_1-C_6-alkyl[~~, C_1-C_6-alkoxy, halo-C_1-C_6-alkyl, C_1-C_6-alkylcarbonyl or C_1-C_6-alkoxycarbonyl~~];

R^{10} is [~~hydrogen,~~] O-R^{17}[~~, S-R^{17}, C_1-C_6-alkyl which may furthermore carry one or two C_1-C_6-alkoxy substituents,~~] or

[~~C_3-C_6-alkenyl, C_3-C_6-alkynyl, C_1-C_6-haloalkyl, C_3-C_7cycloalkyl,~~

~~C_1-C_6-alkylthio-C_1-C_6-alkyl, C_1-C_6-alkyliminooxy,~~] $-N(R^{15})R^{16}$; [~~or~~]

[~~phenyl which is unsubstituted or carries from one to three of the following substituents: cyano, nitro, halogen, C_1-C_6-alkyl, C_2-C_6-alkenyl, C_1-C_6-haloalkyl, C_1-C_6-alkoxy and C_1-C_6-alkoxycarbonyl,~~]

R^{15} and R^{16} are each hydrogen, C_1-C_6-alkyl, C_3-C_6-alkenyl, C_3-C_6-alkynyl, C_3-C_6-cycloalkyl, C_1-C_6-haloalkyl, C_1-C_6-alkoxy-C_1-C_6-alkyl, C_1-C_6-alkylcarbonyl, C_1-C_6-alkoxycarbonyl, C_1-C_6-alkoxycarbony-C_1-C_6-alkyl or C_1-C_6-alkoxycarbonyl-C_2-C_6-alkenyl, where the alkenyl chain is unsubstituted or carries from one to three of the following radicals: halogen and cyano, or phenyl which is unsubstituted or carries from one to three of the following substituents: cyano, nitro, halogen, C_1-C_6-alkyl, C_1-C_6-haloalkyl, C_3-C_6-alkenyl, C_1-C_6-alkoxy and C_1-C_6-alkoxycarbonyl, or

R^{15} and R^{16} together with the common nitrogen atom form a saturated or unsaturated 4-membered to 7-membered heterocyclic [~~structure~~] ring consisting of the nitrogen atom to which R^{15} and R^{16} are bonded and from 3 to 6 carbon ring members, or consisting of the nitrogen atom to which R^{15} and R^{16} are bonded and from 2 to 5 carbon ring members and [~~where~~] one ring member [~~is optionally replaced by~~] selected from the group of -O-, -S-, -N=, -NH- [~~or~~] and $-N(C_1-C_6\text{-alkyl})-$;

R^{17} is hydrogen, C_1-C_6-alkyl, C_3-C_6-alkenyl, C_3-C_6-alkynyl, C_3-C_7-cycloalkyl, C_1-C_6-haloalkyl, C_3-C_6-haloalkenyl, cyano-C_1-C_6-alkyl, C_1-C_6-alkoxy-C_1-C_6-alkyl, C_1-C_6-alkylthio-C_1-C_6-alkyl, C_1-C_6-alkyloximino-C_1-C_6-alkyl, C_1-C_6-alkylcarbonyl, C_1-C_6-alkoxycarbonyl, C_1-C_6-alkylcarbonyl-C_1-C_6-alkyl, C_1-C_6-alkoxycarbonyl-C_1-C_6-alkyl,

phenyl or phenyl-C_1-C_6-alkyl, where each of the phenyl radicals is unsubstituted or carries from one to three of the following substituents: cyano, nitro, halogen, C_1-C_6-alkyl, C_1-C_6-haloalkyl, C_3-C_6-alkenyl, C_1-C_6-alkoxy and C_1-C_6-alkoxycarbonyl;

[~~R^{11} is hydrogen, cyano, halogen, C_1-C_6-alkyl, C_3-C_6-alkenyl, C_3-C_6-alkynyl, C_1-C_6-alkoxy-C_1-C_6-alkyl, C_1-C_6-alkylcarbonyl, C_1-C_6-alkoxycarbonyl,~~]

[~~$-NR^{18}R^{19}$, where R^{18} and R^{19} have the same meanings as R^{15} and~~

~~R^{16}, or~~]

[~~phenyl which is unsubstituted or carries from one to three of the following substituents: cyano, nitro, halogen, C_1-C_6-alkyl, C_1-C_6-haloalkyl, C_3-C_6-alkenyl, C_1-C_6-alkoxy and C_1-C_6-alkoxycarbonyl;~~]

[~~R^{13} is hydrogen, cyano, C_1-C_6-alkyl or C_1-C_6-alkoxycarbonyl; or~~]

[~~R^9 and R^{10} together form a two membered to five membered carbon chain in which one carbon atom may be replaced with oxygen, sulfur or unsubstituted or C_1-C_6-alkyl substituted nitrogen;~~]

R^1 is halogen, cyano, nitro or trifluoromethyl;

R^2 is hydrogen or halogen;

R^3 is hydrogen, [~~nitro,~~] C_1-C_6-alkyl or [~~, C_3-C_6-alkenyl, C_3-C_6-alkynyl, C_3-C_8-cycloalkyl, C_3-C_8-cycloalkylcarbonyl, cyano-C_1-C_6-alkyl,~~] C_1-C_6-haloalkyl[~~, C_1-C_6-alkoxy-C_1-C_6-alkyl, formyl, C_1-C_6-alkanoyl, C_1-C_6-alkoxycarbonyl, C_1-C_6-haloalkylcarbonyl, C_1-C_6-alkylcarbonyl-C_1-C_6-alkyl, C_1-C_6-alkoxycarbonyl-C_1-C_6-alkyl~~];

[~~a group $-N(R^{20})R^{21}$, where R^{20} and R^{21} have one of the meanings of R^{15} and R^{16};~~]

[~~phenyl or phenyl-C_1-C_6-alkyl, where each phenyl ring is unsubstituted or carries from one to three of the following radicals: cyano, nitro, halogen, C_1-C_6-alkyl, C_2-C_6-alkenyl, C_1-C_6-haloalkyl, C_1-C_6-alkoxy and C_1-C_6-alkoxycarbonyl;~~]

R^4 is [~~hydrogen, cyano, nitro, halogen,~~] C_1-C_6-alkyl or [~~, C_2-C_6-alkenyl, C_2-C_6-alkynyl, C_3-C_8-cycloalkyl,~~] C_1-C_6-haloalkyl; [~~, C_1-C_6-hydroxyalkyl, cyano-C_1-C_6-alkyl, C_1-C_6-alkoxy, C_1-C_6-alkylthio, C_1-C_6-alkoxy-C_1-C_6-alkyl, C_1-C_6-alkylthio-C_1-C_6-alkyl or~~]

[~~phenyl which is unsubstituted or carries from one to three of the following radicals: cyano, nitro, halogen, C_1-C_6-alkyl, C_2-C_6-alkenyl, C_1-C_6-haloalkyl, C_1-C_6-alkoxy and C_1-C_6-alkoxycarbonyl;~~]

R^5 is hydrogen, [~~cyano, nitro,~~] halogen[~~,~~] or C_1-C_6-alkyl; [~~, C_2-C_6-alkenyl, C_2-C_6-alkynyl, C_3-C_7-cycloalkyl, C_1-C_6-haloalkyl, C_1-C_6-hydroxyalkyl, cyano-C_1-C_6-alkyl, C_1-C_6-alkoxy-C_1-C_6-alkyl, C_1-C_6-alkylthio-C_1-C_6-alkyl, formyl, C_1-C_6-alkylcarbonyl, C_1-C_6-haloalkylcarbonyl, C_1-C_6-alkoxycarbonyl, C_1-C_6-alkoxycarbonyl-C_2-C_6-alkenyl,~~]

[~~$-N(R^{22})R^{23}$, where R^{22} and R^{23} have one of the meanings of R^{15} and R^{16}, or~~]

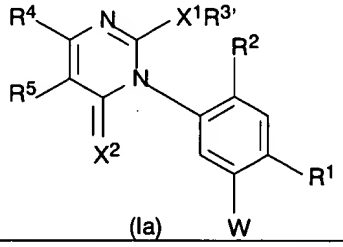
[~~phenyl which is unsubstituted or carries from one to three of the following radicals: cyano, nitro, halogen, C_1-C_6-alkyl, C_2-C_6-alkenyl, C_1-C_6-haloalkyl, C_1-C_6-alkoxy and C_1-C_6-alkoxycarbonyl, or~~]

[~~R^4 and R^5 together form a saturated or unsaturated 3-membered or 4-membered carbon chain which optionally contains from one to three of the following hetero atoms: 1 or 2 oxygen atoms, 1 or 2 sulfur atoms and from 1 to 3 nitrogen atoms, and the chain is unsubstituted or carries from one to three of the following radicals: cyano, nitro, amino, halogen, C_1-C_6-alkyl, C_2-C_6-alkenyl, C_1-C_6-alkoxy, C_1-C_6-alkylthio and C_1-C_6-alkoxycarbonyl;~~]

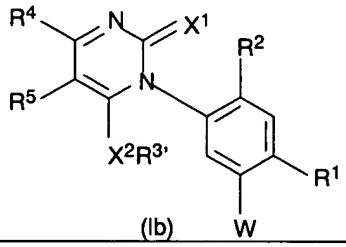
with the proviso that R^4 is not trifluoromethyl when R^5 is hydrogen and W is -CH=CH-CO-R^{10} where R^{10} is C_1-C_6-alkoxy or C_3-C_7-cycloalkoxy; [~~, and~~]

[~~with the proviso that R^9 is halogen when R^4 and R^5 are simultaneously hydrogen and W is $CH(R^8)$-$CH(R^9)$-CO-R^{10},~~]

or a salt of the compound of formula I in which R^3 is hydrogen, or an enol form of the compound of formula I, which enol form is represented by formula Ia or Ib



(Ia)



(Ib)

in which [~~R^3~~] $R^{3'}$ is hydrogen, C_1-C_6-alkyl, C_3-C_6-alkenyl or C_3-C_6-alkynyl.

New Claims 44 to 52 have been added.